

AMENDED CLAIMS

1. (Original) An air flow directing baffle that is inserted into a casing shell of an air cooled dynamoelectric device to direct a flow of cooling air across the dynamoelectric device, the baffle comprising:

a plate having an interior surface that faces toward the dynamoelectric device when the baffle is installed in the casing shell and an opposite exterior surface, a center hole with a center axis passing through the plate, an inner edge of the plate extending around the center hole and an outer edge of the plate extending around an outer perimeter of the plate, and an annular lip that extends around the center hole and projects outwardly from the interior surface.

2. (Original) The baffle of Claim 1, further comprising:

the annular lip having a convex surface.

3. (Original) The baffle of Claim 2, further comprising:

the convex surface of the lip extending to the inner edge of the plate.

4. (Original) The baffle of Claim 2, further comprising:

the plate interior surface having a flat, annular portion and the lip convex surface merging as a continuous surface into the flat, annular portion of the plate interior surface.

5. (Original) The baffle of Claim 2, further comprising:

the convex surface of the lip being spaced from the dynamoelectric device when the baffle is inserted into the casing shell.

6. (Original) The baffle of Claim 1, further comprising:

a cylindrical rim extending around the outer edge of the plate and the rim being dimensioned for a tight fit to the casing shell when the baffle is inserted into the casing shell.

7. (Original) The baffle of Claim 6, further comprising:

the cylindrical rim projecting axially outward from the plate interior surface.

8. (Original) The baffle of Claim 6, further comprising:

the cylindrical rim having an annular concave surface that merges into the plate interior surface.

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)
14. (Cancelled)
15. (Cancelled)
16. (Original) An air cooled dynamoelectric device comprising:
 - a casing shell having opposite interior and exterior surfaces, a center axis and axially opposite end openings;
 - a stator secured inside the casing shell with the casing shell interior surface surrounding the stator, the stator having wiring end turns at axially opposite ends of the stator;
 - a plate secured to the casing shell, the plate having an interior surface that faces toward the stator and an opposite exterior surface, a center hole passing through the plate with an inner edge of the plate extending around the center hole, and an annular lip extending around the center hole and projecting axially outwardly from the plate interior surface toward the stator.
17. (Original) The dynamoelectric device of Claim 16, further comprising:
 - the annular lip having a convex surface.
18. (Original) The dynamoelectric device of Claim 17, further comprising:
 - the convex surface of the lip extending to the inner edge of the plate.
19. (Original) The dynamoelectric device of Claim 17, further comprising:
 - the plate interior surface having a flat, annular portion and the lip convex surface merging as a continuous surface into the flat, annular portion of the plate interior surface.
20. (Original) The dynamoelectric device of Claim 17, further comprising:
 - the convex surface of the lip being axially spaced from the stator.
21. (Original) The dynamoelectric device of Claim 17, further comprising:
 - the convex surface of the lip being axially opposite and spaced from the stator wiring end turns.
22. (Original) The dynamoelectric device of Claim 16, further comprising:
 - a cylindrical rim extending around an outer perimeter of the plate, the cylindrical rim being tight fit against the casing shell interior surface securing the plate to the casing shell.
23. (Currently Amended) The dynamoelectric device [baffle] of Claim 22, further comprising:
 - the cylindrical rim projecting axially outwardly from the plate interior surface.

24. (Currently Amended) The dynamoelectric device [baffle] of Claim 22, further comprising:

the cylindrical rim having an annular concave surface that merges into the plate interior surface.

25. (New) An air cooled dynamoelectric device comprising:

a casing;

a stator secured in the casing, the stator having wiring end turns at opposite ends of the stator and a center bore through the stator;

a rotor in the casing mounted in the stator center bore for rotation of the rotor in the stator center bore, the rotor having a shaft projecting from the stator center bore;

a fan mounted on the rotor shaft in the casing for rotation of the fan with the rotor shaft in the casing;

a circular plate secured in the casing between the stator wiring end turns and the fan, the plate having a flat interior surface that faces toward the stator and an opposite exterior surface, the plate having a center hole through the plate with an inner edge of the plate extending around the center hole and around the rotor shaft, and a cylindrical rim extending around the plate and projecting axially outwardly from the plate interior surface, the cylindrical rim having an annular concave surface extending between the rim and the plate, the annular concave surface merging into the flat interior surface of the plate.

26. (New) The dynamoelectric device of Claim 25, further comprising:

the plate center hole being larger than the stator center bore.

27. (New) The dynamoelectric device of Claim 26, further comprising:

an annular lip on the plate extending around the center hole at the plate inner edge, the annular lip projecting outwardly from the flat interior surface of the plate.

28. (New) The dynamoelectric device of Claim 27, further comprising:

the annular lip having a convex surface that merges with the flat interior surface of the plate.

29. (New) The dynamoelectric device of Claim 28, further comprising:
the annular lip opposing the stator wiring end turns.
30. (New) The dynamoelectric device of Claim 25, further comprising:
the fan having an outer periphery that is larger than the plate center hole.
31. (New) The dynamoelectric device of Claim 30, further comprising:
the plate exterior surface opposing the fan.